

In the Claims:

Please amend the claims as follows:

1. - 8. (Cancelled)

9. (Newly Presented) A position measuring instrument that irradiates a reflector with measuring light to determine a distance on the basis of reflected light comprising a rotating unit and a fixed unit, said rotating unit irradiating horizontally a light receiving means of said fixed unit; a rotating mirror for guiding the reflected light to said fixed unit; and an angle detector for detecting a position of the rotating mirror; wherein said fixed unit emits a measuring light in a fan-shape and measures the distance from the reflected light, and wherein the light receiving means receives the reflected light through said rotating mirror and emits the detected light.

10. (Newly Presented) A position measuring instrument according to claim 9, wherein:

a light-receiving unit has a collimation center, with a deviation of position of reflection light for the collimation center, and wherein the direction of the reflector is obtained from a rotating position of an angle of detection at said reflective light is received, and based of a measured distance a position of said reflector.

11. (Newly Presented) A position measuring instrument according to claim 10, for obtaining a direction and distance of the reflector in rotating irradiation extended, by means of measuring the distance corresponding to a plurality of reflectors.

12. (Newly Presented) A position measuring instrument according to claim 9, wherein a sending set sends a referenced data to an individual reflector, and based on a plurality of detection, transmit measurement data referenced to a reflected reflector.

13. (Newly Presented) A position measuring instrument according to claim 9, wherein a light receiving unit forms a camera tube, and image data captured by the camera tube is referred to the position data.

14. (Newly Presented) A position measuring instrument according to claim 9, wherein a light-receiving unit forms a camera tube, and image data captured by the camera tube is revised based on the difference between image data emitted, reversed detected light, and image data without detecting image data.